# NMFS GALVESTON LABORATORY BRD/BYCATCH and REEF FISH PROGRAM

### **RECEIPT**

VESSEL NAME:	DOC#:	LIC#:
OBSERVER NAME:		
\$x	SEA DAYS = \$	
Captain's Signature		ate
Trip Number	Sea Dates	to
Trip Number	Sea Dates	to
Trip Number	Sea Dates	to
Trip Number	Sea Dates	to
Trin Number	Sea Dates	to

# NMFS GALVESTON LABORATORY BRD/BYCATCH and REEF FISH PROGRAM

### **ACKNOWLEDGEMENT OF DATA COLLECTED**

Vessel Name:				
Observer Name:				
Trip Number:		Sea Dates	to	
Tow #'s:	to	<u>-</u>		
Captain's Signature		Da	nte	

## **COVER SHEET**

TRIP NUMBER:			
VESSEL NAME:			
DATES OF TRIP:			
OBSERVER NAME:			
NUMBER OF TOWS/SETS SAMPLED:			
OBSERVER SUBMITTING DATA:			
DATE SUBMITTED TO LAB:	/	/	
OBSERVER DATA PROOFS:			
DATE 1 <sup>ST</sup> COMPLETE PROOF WAS COMPLETED		/	
DATE 2 <sup>ND</sup> SCAN PROOF WAS COMPLETED		//	
OBSERVER SIGNATURE:			

### TRIP COMPLETION FORM

Trip #:		Observer:			Vessel:
Trip Travel and on this form	Pape	rwork Summ	ary - ALL hou	rs while not deploy	yed offshore <b>MUST</b> be accounted for
Date(s) I	Hours	Purpose (travel, p	aperwork, stand by)	Details (locations	traveled, etc.)
				+	
				_	
** More than 8 hou	ırs clair	ned for paperwo	rk needs prior j	justification. NO EX	(CEPTIONS
				_	/ /
	(Coor	dinated with)			(Date)
			Circle One	If No, explain:	
Data sheets signed by	/ captaiı	n	Y/N		
Receipts completed a	nd signe	ed	Y/N		
Two complete proofs			Y/N		
Trip copy made			Y/N		
New species flagged			Y/N		
Protected species flag	gged?		Y/N		

Y/N

Pictures included with data set?

### **OBSERVER FEEDBACK FORM**

Vessel Name:	Vessel I.D.#:		Trip #
Observer:		Date:	
Sleeping Accommoda	ations:		
Shower: Yes No			
	Yes No		
Food and Water:			
Sampling Advice:			
General Comments:			
Missed Work Due to	Illness or Injury: Yes No		
Close Calls / Near m	isses / Hazards experienced:		

### SAFETY CHECKOFF FORM

Observer Name	Trip Number
Vessel Name	Vessel Doc Number
	Safety Check list - ("NO GO" Deficiencies Highlighted)
USCG Safety Exan	n Decal # Expiration Date: / Distance Rating:
Life Saving Equip	ment (Month/Year)
Life Raft Type: So	OLAS A, SOLAS B, Lifefloat, IBA, NONE, or Other:
(Circle One or if othe	r reference in space provided) Expiration Date: / Capacity?
Life Raft Hydrosta	tic Release Expiration Date:  / Total # of People Onboard:  (Month/Year) (This number is including the Observer, Can not exceed capacity)
Life Raft Hydro Se	(Month/Year) (This number is including the Observer, Can not exceed capacity)  tup Correct: Y or N
EPIRB Location:	EPIRB Battery Expiration Date: / (Month/Year)
EPIRB Hydrostation	Release Expiration Date: /
EPIRB Registratio	n: / / Is this EPIRB registered to this vessel? Y or N  (Month/Day/Year)
	Device for each person on board (POB)? Y or N Location(s):
Immersion Suit fo	r each POB? Y or N (only required above 32'00 N latitude)
Orange Ring Buoy	y(s) with Line attached? Y or N Location(s):
Distress Flares?	Location(s):
Expiration Date for	or each distress flare.
Parachute (Month/	Hand Hand Smoke (Month/Year) Hand (Month/Year)
Parachute (Month/	
Parachute	Hand Hand Smoke
Fire Fighting Equ	
	<u> </u>
Location 2:	Location 4:
Communication	
Single Side Bar	
VH	<del></del>
<u>Other</u>	First Aid Kit? Y or N Location(s):
	Ditch Bag? Y or N Location(s):
	Vessel Safety Orientation? Y or N
General Alarn	n Tested? Yor N High Water Alarm Tested? Yor N

Engine on/off, steering, gear selection, etc.? Entrapment: exit routes? Y or N Y or N

Hazardous: hatched, winches, machinery, lines, slippery areas, stability concerns etc.? Y or N

## SAFETY CHECK OFF FORM STATION BILL

т	ri	n	#
		IJ	#

	Person Overboard Signal:	<b>Fire</b> Signal:	Flooding Signal:	<b>Abandon Ship</b> Signal:
Position	Station/Bring/Duty	Station/Bring/Duty	Station/Bring/Duty	Station/Bring/Duty
Captain				
Crew				
Crew				
Crew				
Observer				
Date Drill Performed				

Det	ailed	Descrip	tion of	Vessel	and	Comment	ts:_

#### **Fishing Vessel USCG Safety Requirements**

for the WARM WATERS of the Gulf of Mexico and South Atlantic

These safety requirements are determined by the fishing location

Fishing Location	Inside the Boundary Line Within 3 Nautical Miles	Within 12 NM of Coastline (Boundary Line)	12 to 20 miles of Coastline	Between 20 & 50 miles	Over 50 Nautical Miles
Survival Craft Equipment	No Survival Craft Required	No Survival Craft Required	Float free Life Float with light and line	Inflatable Life Raft with SOLAS B pack or Coastal Service Pack	Inflatable Life Raft with SOLAS A pack or Ocean Service Pack
EPIRBs	Not Required	Required	Required	Required	Required
Distress Signals	3 Red Flares <b>OR</b> 3 other flares with a night signal	3 - 6 - 3 (Parachute - Hand - Smoke)	3 - 6 - 3 (Parachute - Hand - Smoke)	3 - 6 - 3 (Parachute - Hand - Smoke)	3 - 6 - 3 (Parachute - Hand - Smoke)

\*RED flares include parachute and hand flares which can be seen both day and night.

These safety requirements are determined by the vessel size

Vessel Size	Vessels < 26 feet long	Vessels 26 to 40 feet long	Vessels < 65 feet long	Vessels ≥ 65 feet long
Life Rings	1 Buoyant Cushion OR 1 Orange Life Ring	1 Orange Life Ring with 60 feet of line	1 Orange Life Ring with 60 feet of line	3 Orange Life Rings 1 with 90 feet of line
Fire Extinguishers	at least 1	1 to 2	2 to 3	2 in the Bridge, 1 in the Galley AND 2 in the Engine Room

<sup>\*</sup> make sure fire extinguishers are charged and strategically placed around vessel (galley & engine room & near exits)

(6)			,
o be completed by captain:			
campling protocol has been explained by observer and is understood. Yes No			
Wheel watch while underway requirement has been explained by observer and is understood. Yes	_ No _		
Observer Signature and Date:	/	/	
Captain Signature and Date:	/	/	

	<b>OVATEK CHEC</b>	CKOFF FORM	
Observer Name		Trip Number_	
Vessel Name		Vessel Doc Number	
ſ	MINIMUM REC	QUIREMENTS	
	SOLAS A	> 50 nm	
Expiration Date for each item liste	ed: Flares MUST BE	SOLAS approved.	
Parachute	Hand	Hand	Smoke
(Month/Year)	(Month/Year)	(Month/Year)	(Month/Year)
	Hand	Hand	Smoke
(Month/Year)	(Month/Year)	(Month/Year)	(Month/Year)
	Hand	Hand	
(Month/Year)	(Month/Year)	(Month/Year)	
Parachute (Month/Year)			
First AID Kit			
(Month/Year)	(Month/\	Year) (Month/Y	'ear) (Month/Year)
	SOLAS B	< 50 nm	
Expiration Date for each item liste	ed:		
Parachute	Hand	Smoke	
(Month/Year)	(Month/Year)	(Month/Year)	
Parachute	Hand		
(Month/Year)	(Month/Year)		
	Hand		
	(Month/Year)		
Einet AID 16th	Caratal Dilla		
First AID Kit (Month/Year)	Seasick Pills (Month/)		
(Monthly rear)	(IVIOIIII) I	reary	
Comments:			
Comments.			

### **SOUTHEAST FISHERIES OBSERVER INCIDENT REPORT**

Trip Number:	Vessel Name/Doc #:
Observer:	
• •	alcohol usage, or other unsafe operations that you feel your duties while offshore? (Circle one) YES or NO. If YES, sheets if needed.
Did you witness any fishery violat attached sheets if needed.	tions? (Circle one) YES or No. If YES, explain below and use
	ting of page(s) and have initialed all corrections. I fully add declare under penalty of perjury under the laws of the e forgoing is true and correct.
Signature	Date
Address and Phone	Page of

Statement of:	
1.00.1	
Initials	Page of

### MARINE POLLUTION (MARPOL) INCIDENT REPORT

Trip Number:	Vessel Name/Doc #:
Observer:	
Did you witness any MARPOL violations?	(Circle one) YES or NO. If YES, explain below and use
attached sheets if needed.	
	page(s) and have initialed all corrections. I fully re under penalty of perjury under the laws of the ing is true and correct.
Signature	Date
Address and Phone	
	Page of

Statement of:	
Initials	Page of
<del></del>	·

### **VESSEL INFORMATION FORM**

ORG PRO			MO	DY YR	MO DY YR
			$\square$ $\sqcup$		
TRIP NO.	VESSEL CODE	OBSERVE	R DATE:	START OF TRIP	DATE: END OF TRIP
VESSEL NAME:					
ODCEDVED MANAGE					
OBSERVER NAME:					
VESSEL ID #	VESSEL LENGTH	4 (ft)·		YEAR VESSEL I	RI III T
		. (10).			
VESSEL TYPE (CIRCLE ONE):	FREEZER	or	ICE BOAT		
MATERIAL OF HULL CONSTRUCTION (CIR	CLE ONE):	STEEL	WOOD	FIBERGLASS	FIBERGLASS/WOOD
GROSS TONNAGE:			HORSEPOV	VER OF ENGINE:	
CREW SIZE (WITHOUT CAPTAIN):					
This #does not include observers					
OWNER NAME:					
OWNER ADDRESS:					
CAPTAIN'S NAME:					
OWNER'S OR CAPTAINS SIGNATURE:					

TRIP#				
VESSEL NAME		ID#	ITATION#)	VSCODE LTH (LENGTH)
	STATE	CITY	,	, /
PORT OF DEPARTURE		/		
OBSERVER NAME				ORGANIZATION
	MTH/DAY	MTH/DAY	YEAR	
TRIP DATES				OBSERVER DAYS
(dates, total # of travel an	id sea days allotted for the MTH/DAY	nis trip) MTH/DAY	YEAR	
DATES AT SEA	-			SEA DAYS
(dates, total # of days at s	ea from port to port)	_		
24 HR. DAYS FISHED (ir	ncluding tows not sample	2d)		STARTING TOW #
TOTAL TIME (hours towe		/ 24 =		ENDING TOW #
TO TALE THATE (Hours towe			-	(DO NOT INCLUDE TOWS NOT SAMPLED)
AVERAGE TOW TIME				,
TOT.TIME HOURS TOW	/ED [SAMPLED]	(1) (1)	(2)	(3) (4)
TOT.TIME HOURS TOW		(2) (		/() =
TOT.# TOWS SAMPLED		(3)		
TOT.# TOWS UNSAMPI		(4)		
GEAR CONFIGURATION	N (MAIN NFTS)			
NET #1 TED	BRD	APPLICABLE	TRY NE	T
NET #2 TED	BRD	TOW #S		HRL NET# (Location)
NET #3 TED	BRD			FRL APPLICABLE
NET #4 TED	BRD			TOW #S
NET #1 TED	BRD	APPLICABLE		CIRCLE TRY NET LOCATION ON DIAGRAM
NET #2 TED	BRD	TOW #S		T
NET #3 TED	BRD			(A)
NET #4 TED	BRD			<del></del>
(ENTER N/A FOR NET#s 1& 4 I		ED BY YOUR BOAT)	4	1 2 [ ] 3 4
		AREAS FISH	IED	$\longrightarrow$
STAT.AREA#				
INSHORE				
NEARSHORE ≤ 60'				
OFFSHORE > 60'				
(ENTER APPLICABLE STATISTIC	CALAREA# THEN THE# OF	TOWS "SAMPLED" IN THE APPR	ROPRIATE ZONE	BLOCK)
TURTLES CAPTURED				TURTLES SIGHTED
SPECIES NET #/T	YPE* LAT/LONG	G DATE	TOW#	SPECIES LAT/LONG DATE
1				1
2				2
3				3
4				4
5				5
6				6
7				7
*(ST-STANDARD NET, TB-NET	WITH TED AND BRD, T-NET V	VITH TED ONLY,		
B-NET WITH BRD ONLY, TR-TR	RY NET)	SIGNAT	URE	

## TRIP REPORT - SHRIMP BY-CATCH TOWS NOT SAMPLED

VSCODE	TRIP DATES	TRIP#

(A TOW WITH AN OPERATION CODE SHOULD NOT BE LISTED AS UNSAMPLED)

NO.	DATE	LATITUDE	(A TOW WITHAN OPERA  LONGITUDE	HOURS TOWED	DEPTH (FEET)	STAT ZONE	REASON NOT SAMPLED
1				TOWED	(I LLI)		
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
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34 35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

#### **SAMPLED TOW LOG**

TRIP#

	SAMPLED TOW LOG			TRIP #				
DATE	TOW#	TIME IN	TIME OUT	HOURS TOWED	DEPTH (FEET)	STAT ZONE	EXP NP	CONT NP
DAIL	1000#	THVILTIN	THVIL OOT	TOVVED	DEI III (I EEI)	STAT ZONE	LXI IVI	CONTIN

PAGE\_\_\_\_\_ OF \_\_\_\_

#### **GEAR SPECIFICATION FORM BRD TESTING PROTOCOL** Control (C) or Experimental (E) ORGPRO MO Gear ID# TRIP NO. TOW NO. VESSEL DATE **NET POSITION** SECTION I **NET GEAR MEASUREMENTS** Net Type Top Leg Length Headrope Length Footrope Length Comments **Bottom Leg Dummy** Mesh Size Mesh Size Comments Type: Aluminum Wood Steel Other Chain Size (gauge) Door Length Door Height **Dummy Door Length** Comments Comments **BRD MEASUREMENTS** SECTION II **BRD TYPE:** Fisheye Jones Davis Modified Jones Davis None **Extended Funnel** Composite Other Offset BRD position: Spooker Cone: Yes Codend length (# of meshes): Circumference of the codend (# of meshes): Distance of escape opening from elephant ear or choke rings: Feet Inches Distance of escape opening from tie off rings: Feet Inches Number of meshes the fisheye is offset from top center Fisheye (BRD) escape opening: Height Inches Width Inches Shape of the escape opening: oval, diamond, square, halfmoon, rectangle, triangle, if other Specify (check one) **Behind** Front

Look from the mouth of the net, is the BRD located in front of, at, or behind the point of attachment of the elephant ears: What is the length of the elephant ear from the point of attachment to the tip of the ring: Inches

Feet

Inches

Distance from point of attachment of elephant ear to tie off rings

## TED/BRD SPECIFICATION FORM

BRD TESTING	PROTOCOL
ORGPRO TRIP NO. VESSEL TOW NO.	DATE NET POSITION GEAR ID #
SECTION III TED MEASUREI	MENTS
	ONE
TED DESIGN WEEDLESS CURVED BAR ST	TRAIGHT BAR NONE UNKNOWN
TED OPENING TOP BOTTOM N	ONE
TED USED INSHORE ONLY YES NO	TED FUNNEL YES NO
TED FLAP YES NO	STRETCHED MEASUREMENT OF ACCELERATOR FUNNEL
COVER FLAP SINGLE DOUBLE	(Offshore ≥ 71", Inshore ≥ 44") INCHES
LENGTH OF MESH (Not Stretched) PAST GRID (All ≤ 24")	INCHES
LEADING EDGE MEASUREMENT (Single ≥ 71", Double ≥ 56")	INCHES
FORWARD CUT MEASUREMENT (Single ≥ 26", Double ≥ 20")	INCHES
LENGTH OF FLAP (Not Stretched) SEWN FROM BOTTOM OF G	RID (Single ≤ 6 Inches) INCHES
TED ANGLE (Degrees)	TED MATERIAL
TED DIMENSIONS (32" MIN) LENGTH INCHES	# OF TED FLOATS
WIDTH INCHES	(Required on all bottom TEDs)
SPACE BETWEEN BARS (4" MAX) . INCHES	FLOAT TYPE   Material:   Shape:
GEAR DESCRIPTIONS	
BRD DESCRIPTION	
Sketch fisheye including height and width (on the back of this	s form) or attach cardboard outline (if nossible)
GEAR DESCRIPTION	s form) of attach cardboard outline (ii possible).
CEAR DIACRAM	
GEAR DIAGRAM	
	PHOTOGRAPHED (Circle one): Y or N

### TRY NET TOW SUMMARY BRD/CHARACTERIZATION

TRIP#		VESSEL CO	ODE		
TRYNET HEADROPE LENGTH (	feet) .	TRY NET FOOTROF	PE LENGTH (feet)		
TRY NET TED TYP	PE (IF PRESENT)				
STATION TOW#	STAT. ZONE	CHECK ONE: INS	SHORENEARSH	HOREOFFS	HORE
TRYNET TOW# TIME IN  COMMENTS:	TURT TIME OUT ()	TRYNET TOW#	TIME IN	TIME OUT	TURTLE (X (X)
STATION TOW#	STAT. ZONE	CHECK ONE:INS	SHORENEARSH	HOREOFFS	HORE
TRYNET TOW# TIME IN COMMENTS:	TIME OUT	TRYNET TOW#	TIME IN	TIME OUT	TURTLE (X)
STATION TOW#	STAT. ZONE	CHECK ONE: INS	SHORENEARSH	HOREOFFS	HORE
TRYNET TOW# TIME IN  COMMENTS:	TIME OUT	TRYNET TOW#	TIME IN	TIME OUT	TURTLE (X
STATION TOW#	STAT. ZONE	CHECK ONE: INS	SHORENEARSH	HOREOFFS	HORE
TRYNET TOW# TIME IN  COMMENTS:	TIME OUT	TRYNET TOW#	TIME IN	TIME OUT	TURTLE (X)

### STATION SHEET BRD EVALUATION

#### **BRD TESTING PROTOCOL**

TRIP NO.	\	ESSEL DEGREE MINUTE SECO	TOW NO.  DIAGNOS DEGREE MINUTE	SECONDS	DBSERVER
START DATE  ONTH DAY YEAR  STOP DATE	TIME IN	LATITUDE IN  DEGREE MINUTE SECO  LATITUDE OUT	LONGITUD  DNDS DEGREE MINUTE  LONGITUDE	SECONDS	TH IN (FEET)
HOURS TOWED	KNOTS  VESSEL STAT  SPEED ZONE	1 2 3 4 OPERATION CODE	TOTAL SEA NETS STATE	NET RETRIEVAL DIRECTION Up (U), Down (D), or Cross (C) Sea	SCALE TYPE Digital (D) Mechanical (I) Both (B) or
Gear ID#			BRD OPEN		Unknown (U
TOTAL CATCH WEIG	RED SNAPPE	ER NO. O	Hequency form for red snappe FRED SNAPPER	NO. OF RED SNAP	
TOTAL WEIGHT (kg) Comments:  Gear ID#	TOTAL NUMB	SER :	≤ 100 mm BRD OPEN	> 100 mm	
TOTAL CATCH WEIG	GHT (kg) SH	RIMP TOTAL WEIGHT (		SHRIMP  EAD ON (O), HEAD OF	:F (X)
RED SNAPPER TOTAL WEIGHT (kg) Comments:		ER NO. O	F RED SNAPPER	NO. OF RED SNAP > 100 mm	PER
Characterization sample co	ompleted?	YES (Attach s	pecies forms).	N	0

### **CONDITION & FATE FORM**

#### **BRD TESTING PROTOCOL**

ORG PRO	
TRIP NO. VESSEL	TOW
	NUMBER
CONTROL Or EXPERIMENTAL NET POSITION	CONTROL Or EXPERIMENTAL NET POSITION
CIRCLE ONE	CIRCLE ONE
CONDITION AND FATE OF F	BYCATCH PRIOR TO DISCARDING
	ppropriate boxes.
FISH	FISH
MORE THAN 50% OF CATCH ALIVE	MORE THAN 50% OF CATCH ALIVE
MORE THAN 50% OF CATCH DEAD	MORE THAN 50% OF CATCH DEAD
NOT DETERMINED (CATCH NOT DUMPED)	NOT DETERMINED (CATCH NOT DUMPED)
NOT OBSERVED	NOT OBSERVED
COMMENTS:	COMMENTS:
IANVEDTEDDATEC	INVENTERDATES
INVERTEBRATES	INVERTEBRATES
MORE THAN 50% OF CATCH ALIVE	MORE THAN 50% OF CATCH ALIVE
MORE THAN 50% OF CATCH DEAD	MORE THAN 50% OF CATCH DEAD
NOT DETERMINED (CATCH NOT DUMPED)	NOT DETERMINED (CATCH NOT DUMPED)
NOT OBSERVED	NOT OBSERVED
COMMENTS:	COMMENTS:
PREDATO	DRS OBSERVED
Refer to the table and choose the appr	opriate number code for each predator type.
PREDATORS OBSERVED	PREDATORS OBSERVED
SHARKS OTHER FISH	SHARKS OTHER FISH
DOLPHINS SEA BIRDS	DOLPHINS SEA BIRDS
COMMENTS:	COMMENTS:
0 = Predator not present in area.	
1 = Predator observed but "not" feeding on organisms exit	ing BRD.
2 = Predator observed "feeding" on organisms exiting BRD	_
3 = Predator observed but couldn't determine (or could not see	
9 = Not determined (Observer was not able to check for pro	
	N EXITING BRD DURING NET RETRIEVAL
	opropriate boxes.
T .	(1 - 10) NONE
(10 - 50) N/A (BRD Closed)	(10 - 50) N/A (BRD Closed)
(50 - 100) NOT OBSERVED (or not able to see.)	(50 - 100) NOT OBSERVED (or not able to see.)
(100 OR MORE)	(100 OR MORE)
COMMENTS:	COMMENTS:

## SPECIES CHARACTERIZATION FORM BRD TESTING PROTOCOL

ORG PRO							<b>-</b> 1.				<u> </u>				_						Con	trol	(C) o	r Evr	orir	nont.	al (E)
ORGFRO	7											]						]			Con	troi	(C) 0	EXP	) 	nenta	∄1 (E,
TRIP NO.	_			ESS	FI	J		т	 Դ₩	NU	MR	I FR			N	FT F	L POS	ı ITION							J		
			·														-										
COMMON																		SAM	IPLE	- W	/EIG	НТ	S	ELEC	T V	VEIG	нт
NAME			G	iENU	JS					SPE	CIES	5			NUN	ИВЕ	R			kg)					(kg		
BROWN SHRIMP	F	Α	R	F	Α	Ν	Т	Α	Z	Т	Ε	С	U														
WHITE SHRIM P	L	Т	Т	О	Р	Ε	N	S	Ε	Т	Ι	F	Ε						T	T.							+
PINK SHRIM P	F	Α	R	F	Α	N	Т	D	U	0	R	Α	R														
PENAEUS DISCARD	Р	Е	Ν	Α	Е	U	S	D	I	S	С	Α	R														
CRABS, LOBSTERS, ETC.	С	R	U	S	Т	Α	С										1										
OTHER INVERTEBRATES	I	N	V	Ε	R	Т	Ε										1										
BLACKNOSE SHARK	С	Α	R	С	Н	Α	R	Α	С	R	0	N	0														
SPINNER SHARK	С	Α	R	С	Н	Α	R	В	R	Ε	٧	Ι	Р														
FINETOOTH SHARK	С	Α	R	С	Н	Α	R	I	S	О	D	0	Ν														
BLACKTIP SHARK	С	Α	R	С	Н	Α	R	L	I	М	В	Α	Т														
ATLANTIC SHARPNOSE SHARK	R	Н	I	Z	0	Р	R	Т	Ε	R	R	Α	Ε														
BONNETHEAD SHARK	S	Р	Н	Υ	R	Ν	Α	Т	I	В	U	R	О														
SM OOTH DOGFISH SHARK	М	U	S	Т	Е	L	U	С	Α	Ν	I	S															
FLORIDA SMOOTHHOUND SHARK	М	U	S	Т	Е	L	U	Ν	0	R	R	ı	S														
LEM ON SHARK	Ν	E	G	Α	Р	R	ı	В	R	Ε	٧	1	R														
OTHER SHARKS NOT LISTED	С	Α	R	С	Н	Α	R																				
TROUT	С	Υ	Ν	0	S	С	ı														L						
SNAPPER (OTHER)	L	U	Т	J	Α	N	U																				_
LANE SNAPPER	L	U	Т	J	Α	N	U	S	Υ	Ν	Α	G	R								_						
CROAKER	M	1	С	R	0	Р	0	U	Ν	D	U	L	Α								_					<u>.                                    </u>	↓
SOUTHERN FLOUNDER	Р	Α	R	Α	L	ı	С	L	Ε	Т	Н	0	S					Ш			L						_
BLACK DRUM	Р	0	G	0	N	ı	Α	С	R	0	М	ı	S					$\sqcup$	_		L					<u> </u>	_
COBIA	R	+	1	Н	_	С	Ε		Α		Α	_	U								_					-	╄
VERMILLION SNAPPER	R	+	О	M	В	0	Р	Α	U	R	0	R	U								_						┷
RED DRUM	S	С	I	Α	E	N	0	О	С	Ε	L	L	Α						_		_						_
SPOTTED SEATROUT	С	Υ	Ν	1	S	С	ı	Ν	Ε	В	U	L	О						_		_						_
KING M A CKEREL	S	С	0	М	В	Е	R	-	Α	V	Α	L	L					$\vdash$	4			-				<u> </u>	+
SPANISHMACKEREL	S	С	0	М	В	Е	R		Α	С	U	L	Α					$\vdash \vdash$			_			_		4	┿
LONGSPINE PORGY	S	T	E	N	0	T	0	С	Α	Р	R	1	N					$\vdash$	4		_					4	+
OTHER FINFISH-GROUPED	Р		S	С	E	S											1	$\vdash$	_		_					<u> </u>	-
DEBRIS	D	Ε	В	R	I	S											1										
DOM INANTS / OTHER NOT LISTED	-	1		1			1	I	1	1	ı -	ı -			<u> </u>	1		<u> </u>	<u> </u>		_	1	<u> </u>	ı -	1	_	Т
		-	-	-														$\vdash \vdash$	+	4	-	_	-			-	$\bot$
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## SPECIES CHARACTERIZATION FORM - MODIFIED SOUTH ATLANTIC PENAEID SHRIMP

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ORG PRO TRIP NO.			V	ESSI	EL	ı		Т	ow	NUI	MBE	R			N	ET F	POS	I ITIO	N		C	ontro	I (C)	or Exp	erime	ntal (E	Ξ)
COMMON NAME			G	ENL	JS					SPE	CLES	;		ſ	NUN	1ВЕІ	R	SAN	ИPL	E WE	IGHT	۲ (kg)	SE	LEC1	WEI	GHT	(kg)
BROWN SHRIMP	F	Α	R	F	Α	Ν	Т	Α	Z	Т	Ε	С	U														
WHITE SHRIM P	L	ı	Т	О	Р	Ε	Ν	S	Ε	Т	Ι	F	Ε														
PINK SHRIM P	F	Α	R	F	Α	Ν	Т	D	U	0	R	Α	R														
PENAEUS DISCARD	Р	Ε	Z	Α	Ε	U	S	D	_	S	С	Α	R														
BLUE CRAB	С	Α	L	L	I	Ν	Ε	S	Α	Р	ı	D	U														
CRABS, LOBSTERS, ETC.	С	R	כ	S	Т	Α	С										1										
CANNONBALL JELLYFISH	S	Т	0	М	О	L	О	Μ	Ε	L	Е	Α	G														
JELLYFISH FAM ILY	С	Α	R	Υ	В	D	Ε										1										
OTHER INVERTEBRATES	I	Ν	٧	Ε	R	Т	Ε										1										
STAR DRUM	S	Т	Ε	L	L	I	F	L	Α	Ν	С	Ε	0														
ATLANTIC MENHADEN	В	R	Ε	٧	0	0	R	Т	Υ	R	Α	Ν	Ν														
SHAD	Α	L	0	S	Α																						
SPINNER SHARK	С	Α	R	С	Н	Α	R	В	R	Ε	٧	ı	Р														
SILKY SHARK	С	Α	R	С	Н	Α	R	F	Α	L	С	I	F														
FINETOOTH SHARK	С	Α	R	С	Н	Α	R	ı	S	0	D	О	Ν							ĺ	[.]		ĺ				
BLACKTIP SHARK	С	Α	R	С	Н	Α	R	L	Ι	М	В	Α	Т														
ATLANTIC SHARPNOSE SHARK	R	Н	ı	Z	0	Р	R	Т	Ε	R	R	Α	Ε														
BONNETHEAD SHARK	S	Р	Н	Υ	R	Ν	Α	Т	ı	В	U	R	О														
SM OOTH DOGFISH SHARK	М	U	S	Т	Ε	L	U	С	Α	Ν	ı	S															
SCALLOPED HAMMERHEAD SHARK	S	Р	Н	Υ	R	N	Α	L	Ε	W	ı	Ν	1														
OTHER SHARKS NOT LISTED	С	Α	R	С	Н	Α	R																				
SPOTTED SEATROUT	С	Υ	Ν	О	S	С	Ι	Ν	Ε	В	J	L	0														
SILVER SEATROUT	С	Υ	Ν	0	S	С	ı	Ν	0	Т	Н	U	S														
WEAKFISH (GRAY TROUT)	С	Υ	Ν	0	S	С	ı	R	Е	G	Α	L	I														
SEATROUT (GENUS)	С	Υ	Ν	0	S	С	Ι																				
SPOT	L	Ε	ı	О	S	Т	О	Х	Α	Ν	Т	Н	U														
ATLANTIC CROAKER	М	ı	С	R	О	Р	О	U	N	D	U	L	Α														
SOUTHERN KINGFISH	М	Ε	N	Т	ı	С	ı	Α	М	Е	R	ı	С														
NORTHERN KINGFISH	М	Е	N	Т	Т	С	1	S	Α	Х	Α	Т	1														
RED DRUM	S	С	Т	Α	Е	N	0	0	С	Е	L	L	Α												T		
BLACK DRUM	Р	0	G		N	Т	Α	С	R	0	М	1	S												H		┢
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SOUTHERN FLOUNDER	Р	Α	R		L	T	С	L	Ε	Т	Н	0	S												Ħ		┢
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KING MACKEREL	S	С	0	М	_	Ε	R	С	Α	V	Α	L	L												Ħ		┢
SPANISH M A CKEREL	S	С	0	М	В	Ε	R	M	Α	С	U	L	Α												Ħ		T
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ROCK SEABASS	С	E	N		R	0	P	P	Н	İ	L	Α	D							$\vdash$		1			H	$\vdash$	$\vdash$
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FLORIDA POMPANO	<u>'</u> Р	0	М		T	0	М	S	Α	L	Т	A	T							$\vdash$			$\mathbf{I}$		H	$\vdash$	$\vdash$
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## SPECIES CHARACTERIZATION FORM - MODIFIED SOUTH ATLANTIC ROCK SHRIMP

CDC DDC TRUR NO				ESSI				т.	2144						N.	_		]				Contro	al (C)	or Ex	) Derime	ental (	E)
ORG PRO TRIP NO.								''			MBE			_				ITIO		E \//E		T (kg	_		r WEI		
COMMON NAME	S		С	ENL Y	0	Ν	ī			SPE	CIES	, 		יו	NUM	IBEI	K 	SAI	VIFL	.E VV	III	i (kg	) 3E	lec	VVEI	I	T (Kg)
ROCK SHRIM P	S	$\pm$	С	Υ	0	N	H	D	-	S	С	Α	R								ŀ	+			Н	+	+
ROCK SHRIM P CULL	F	A	R	F	Α	N	T	A	Z	T	E	С	U				-					+	1		Н	+	+
BROWN SHRIMP	L L	$\overline{}$	T	0	Р	E	N		E	T	<u> </u>	F	E								H	+			H	+	+
WHITE SHRIM P	F	A	R	F	А	N	T	D	U	0	R	A	R				$\vdash$				H	+			Н	+	+
PINK SHRIM P	P	E	N	A	E	U	S	D	_	S	С	Α	R				<u> </u>					+	<del> </del>		H	+	+
PENAEUS DISCARD	Р	0	R	T	U	N	U	G	Ė	В	В	Ε	S									+			H		+
IRIDESCENT SWIMMING CRAB	<u>.</u> Р	0	R	Ť	IJ	N	U	S	P	_	N	<u>-</u>	С									+			H		+
LONGSPINE SWIM MING CRAB	С	R	U	S	Т	A	С		•		-	•					1				H	+			H		+
CRABS, LOBSTERS, ETC.	ı	N	V	E	R	T	E										1				H				H		+
OTHER INVERTEBRATES	S	Y	Ā	С	ī	U	M	Р	Α	P	1	L	L				H				H				H		+
DUSKY FLOUNDER INSHORE LIZARDFISH	S	Y	N	0	D	U	S	F	0	E.	Ė	E	N								H				H		+
	A	Ė	0	S	A						Ė	_									H	+			H		+
SHAD	С	A	R	С	Н	Α	R	В	R	E	$\vee$	_	P								H				H	+	+
SPINNER SHARK SILKY SHARK	С	A	R	С	Н	Α	R	F	Α	_	C	·	F								H				H		+
	С	Α	R	С	н		R	<u> </u>	S	0	D	0	N												H	+	+
FINETOOTH SHARK	С	A	R	С	<u></u>	Α	R	Ŀ	<u> </u>	М	В	A	T								i	+			H		+
BLACKTIP SHARK	R	Н		Z	0	Р	Ì	T	E	R	R	Α	Ė									+			H		+
ATLANTIC SHARPNOSE SHARK	S	P	- H	Υ	R	N	A	T	_	В	U	R	0				┢				H	+	1		H	+	+
BONNETHEAD SHARK	М	U	S	T	E		U	С	A	N	<del>-</del>	S	$\stackrel{\smile}{-}$				┢				H	+	1		H	+	+
SM OOTH DOGFISH SHARK	S	P	Н	Ϋ́	R	N	A	L	E	W	H	N	1								H	+			H	+	+
SCALLOPED HAM M ERHEAD SHARK	С	A	R	С	Н	A	R		Ė	VV	Ė	1.4	•				-				H	+			H	+	+
OTHER SHARKS NOT LISTED	С	Y	N	0	S	С	<u>'`</u>	N	E	В	U	L	0				<u> </u>					+	<del> </del>		H	+	+
SPOTTED SEATROUT	С	Y	N	0	S	С	÷	N	0	Т	Н	U	S				<u> </u>					+	<del> </del>		H	+	+
SILVER SEATROUT	С	Y	N	0	S	С	Ė	R	E	G	A		ı									+			H		+
WEAKFISH (GRAY TROUT)	С	Y	N	0	S	С	İ		_		$\Gamma$	_	•				<u> </u>					+	<del> </del>		H		+
SEATROUT (GENUS)	L	Ė	1	0	S	T	0	Х	Α	N	Т	Н	U									+			H		+
SPOT	М	Ė	С	R	0	P	0	Ú	N	D	Ü	 	Α								H				H	1	+
ATLANTIC CROAKER SOUTHERN KINGFISH	M	Ē	N	T	ī	<u>.</u>	<u> </u>	A	M	E	R	_	С									+			Н		+
	M		N	T	· 	С	·	S	A	X	A	T	I								H				H		+
NORTHERN KINGFISH	S	С	ı	A	Ē	N		0	С	E		L	A								H				H	+	+
RED DRUM	Р	0	G	0	N		A	С	R	0	М	_	S								i	+			H		+
BLACK DRUM	R	Α	С	Н	Y	C	E		Α	N	A	D	U								H				H		+
COBIA SOUTHERN FLOUNDER	P	Α	R	A	Ė	<u> </u>	С	L	E	Τ	Н	0	S								H				H		+
SUMMER FLOUNDER	P	Α	R	Α	L	_	С	D	E	N	Τ	A	T								İ	+			H		+
	S	С	0	М	В	E	R		A	·,	Ā	L	L									+			H		+
KING MACKEREL  SPANISH MACKEREL	S	С	0	M	В	E	R		Α	С	U	L	A		H					$\vdash$		+	$\mathbf{I}$	$\vdash$	H		+
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BLACK SEARASS	С	E	N	Ť	R	0	Р	S	Ť	R	<u> </u>	Α	Т				$\vdash$			<del>                                     </del>		+	1		H		+
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ROCK SEABASS	С	E	N	T	R		P	Р	Н	Ė	L	Α	D				$\vdash$					+		$\vdash$	H		+
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STURGEON	A	С	1	P	E	N	S		Ė	_	Ė		•				$\vdash$					+		H	H		+
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OTHER FINFISH-GROUPED DEBRIS	D	E	В	R	<u> </u>	S											1					+		$\vdash$	H		+
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### SPECIES CHARACTERIZATION FORM

#### SHRIMP CHARACTERIZATION

ORG PRO TRIP NO.	VESSEL	TOW NUMBER	NET POSITION	Control (C) or	Experimental (E)
COMMON	GENUS	SPECIES	NUMBER S	AMPLE WEIGHT (kg)	SELECT WEIGHT (kg)
1					
3		<del>                                     </del>		<del>                                     </del>	
		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
4					
5		<del>                                     </del>		<del>                                     </del>	
6		<del>                                     </del>		<del>                                     </del>	
7	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	
8		<del>                                     </del>		<del>                                     </del>	
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12		<del>                                     </del>			
13		<del>                                     </del>			
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15				<del>                                     </del>	
16				+ + + + + + + + + + + + + + + + + + + +	
17	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
18		<del></del>		<del>                                     </del>	<del>                                     </del>
19	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
20		<del></del>		<del>                                     </del>	<del>                                     </del>
21	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
22	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
23	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
24		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
55		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
26				<del>                                     </del>	<del>                                     </del>
27		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
28		<del>                                     </del>		<del>                                     </del>	
9	<del>                                     </del>	<del>                                     </del>		<del>                                     </del>	
30		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
31		<del>                                     </del>		<del>                                     </del>	
32				<del>                                     </del>	
33		<del>                                     </del>		<del>                                     </del>	<del>                                     </del>
4	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
35	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
16	<del>                                     </del>	<del>                                     </del>	+++	<del>                                     </del>	<del>                                     </del>
37	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>
38	<del>                                     </del>	<del>                                      </del>		<del>                                     </del>	<del>                                     </del>
27	<del>                                     </del>	<del>                                     </del>	<del>                                     </del>		

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## LENGTH FREQUENCY FORM (TARGET SPECIES) BRD TESTING PROTOCOL

ORG PRO				
TRIP NO.	VESSEL	TOW NUMBER	NET POSITION	Control (C) or Experimental (E)
GENUS	GENUS		GENUS	
SPECIES MEAS.CODE	SPECIES	MEAS.CODE	SPECIES	MEAS.CODE
LENGTH (MM)	LENGTH (MM)	$\top$	LENGTH (MN	<u>/I)                                    </u>
1	1	<del>                                     </del>	1	+
2	2		2	
3	3		3	
4	4		4	
5	5		5	
6	6		6	
7	7		7	
8	8		8	
9	9		9	
10	10		10	
11	11		11	
12	12		12	
13	13		13	
14	14		14	
15	15		15	
16	16		16	
17	17		17	111
18	18		18	
19	19		19	<del>                                      </del>
20	20		20	<del>                                      </del>
21	21		21	
22	22		22	+++
				+++
23	23		23	++-
24	24		24	++-
25	25		25	
NUMBER OF BROKEN (UNMEASURABLE)	NUMBER OF BROKEN (	UNMEASURABLE)	NUMBER OF BRO	KEN (UNMEASURABLE)
≤100 mm >100 mm	≤100 mm >1	.00 mm	≤100 mm	>100 mm
PAGE OF			OFFIC	E USE ONLY

	TRI	P REPORT	Γ - REEF FI	SH		Page 1
TRIP #						
VESSEL NAME		D#	JMENTATION#)	VSCODE	LTH (LENG	
VESSEL RIGGING : LONGLINE (CHECK ONE)	HAN	IDLINE	BANDIT	JUG	SPEAR_	<u> </u>
PORT OF DEPARTURE		/				
OBSERVER NAME						
MTH/DAY	·	//TH/DAY	YEAR	ORGANIZAT	ION	
TRIP DATES				OBSERVER D	DAYS	
(dates, total # of travel and sea days			\/ <b>.</b>			
DATES AT SEA	·	//TH/DAY	YEAR 	SEA DAYS		
(dates, total # of days at sea from po	rt to port)					
24 HR. DAYS. FISHED (including set TOTAL TIME (set hours)	ets not sampled) / 24	1 =		STARTING SET# ENDING SET# (UNSAMPLED SET)	S DO NOT GET NUM	  1BERED)
AVERAGE SET TIME TOT.TIME SET HOURS [SAMPLED TOT.TIME SET HOURS [UNSAMPLED TOT.# SETS SAMPLED TOT.# SETS UNSAMPLED	LED] (	1) 2) ( 3) 4)	(1) (2) +)/	(3) (4) /(+) =		
		AREAS I	ISHED			
STAT.AREA#						
INSHORE						
NEARSHORE ≤ 60'						
OFFSHORE > 60'						
(ENTER APPLICABLE STATISTICAL AREA #	THEN THE# OF SETS"	SAMPLED" IN THE A	PPROPRIATE ZONE B	BLOCK)		
TURTLES	CAPTURED			TURTLES SIG	GHTED	
SPECIES LAT/LONG 1	DATE	SET NO.	SPECIES 1	LAT/LONG	DATE	SET NO
2			2	<u> </u>		
3			3			
4			4			-
5 6			5 <u> </u>	<del></del>		
7			7			
		СОММ	ENTS			

SIGNATURE \_\_\_\_

## TRIP REPORT - REEF FISH SETS NOT SAMPLED

/SCODE	TRIP DATES	TRIP#

NO.	DATE	LATITUDE	LONGITUDE	HOURS SOAKED	DEPTH (FT)	STAT ZONE	REASON NOT SAMPLED
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11 12							
13							
14							
15							
16							
17							
18							
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31 32							
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37							
38			İ				
39							
40							
41							
42							
43							
44							
45							

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SAMPLED SET LOG

TRIP#

			AIVIPLED SET LO		INIP#	
				SOAK/FISHING		
DATE	SET#	TIME IN	TIME OUT	TIME	DEPTH (FEET)	STAT ZONE
DAIL	JLI #	IIIVIL IIV	THVIL OUT	TITVIL	DEF III (I EEI)	STAT ZONE

#### GEAR SPECIFICATION FORM - BANDIT REEL ORG PRO TRIP NO. DATE **OBSERVER CODE GEAR CODE** SET NO. **ROD MOUNT HOOK TYPE #1** Hook Type: J-Hook Circular Treble Lure Other Fixed Portable Double Triple Hook Shape: Straight Offset **REEL TYPE** Manufacturer/Style: Hook Size Degrees Offset Electric Hydraulic Other Point to Shaft Shaft Length Comments: Steel Stainless Steel Other Unknown Hook Material: Comments: **MAIN LINE MATERIAL HOOK TYPE #2** Mono Braid Nylon Cable Other Hook Type: J-Hook Circular Treble Double Triple Main Line Cable Test Hook Shape: Straight Degrees Offset Hook Size Manufacturer/Style: Comments: Point to Shaft Shaft Length **LINES OFF MAIN LINE** Stainless Steel Other Hook Material: Steel Unknown Comments: Length 1: Feet Length 2: . Feet **HOOK TYPE #3** Construction: Twisted Single J-Hook Circular Treble Other Hook Type: Lure Double Triple Hook Shape: Straight Offset Nylon Fluoro Wire Other Mono Braid Degrees Offset Hook Size Manufacturer/Style: Carbon Test lbs Shaft Length in. Point to Shaft NO.of Lines Comments: Hook Material: Steel Stainless Steel Other Unknown Comments: **NUMBER OF HOOKS** TRACE HOOK W / DIMENSIONS BELOW Total No. of Hooks **SKETCH GEAR CONFIGURATION & PLACEMENT**

Gear Description:

## STATION SHEET BANDIT REEL

		OBSERVER linutes Seconds NGITUDE IN	MO DAY  DA'  STAT ZONE	
			HECK ONE):	
TIME OUT TOTAL # of REELS	ON ANCHOR	DRIFTING	TROLLING	UNKNOWN
LIST THE FOLLOWING FOR ALL REELS: REEL #, GEAI	R CODE, NUMBER OF TIMES A	A REEL WAS SET, NUM	BER OF REELS SAMPI	LED
Reel # Gear Code # of Reels Set # of Reels Sampled	Reel #  Gear Code  # of Reels	set # of Reels Sampled	Reel #	# of Reels Set # of Reels Sampled
FISHING TIME .	HRS A	AVG. HAUL IN TIME		. MIN
SEA BIRDS 3=PREDATOR OBSERVED		6=PR 7=PR 8=PR	EDATOR OBSERVED BUT COUL EDATOR OBSERVED FEEDING C EDATOR OBSERVER FEEDING C EDATOR OBSERVER FEEDING C T OBSERVED	ON DISCARDED CAPTURES
BAIT (Check all that apply)  Squid Mackerel Herring Other Other Other Artificial	STATE OF BAIT (Check Whole Cut	Whole or Cut then check al	I that apply for each type of Frozen Sal	bait used.) ted Live
TARGET SPECIES: List all targeted species for t	his set using genus species f	format.		_
WATER DEPTH TOTAL	AL NO. TOTAL NO.	TOTAL NO	D. TO	TAL NO.
COORDINATOR COMMENTS:		BOT TYPE	-	AL (D), MECHANICAL (M) (H(B) or UNKNOWN (U)
OBSERVER COMMENTS:				

## LENGTH-FREQUENCY/WEIGHT FORM BANDIT REEL

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(	01- FORK       1- WH         02- STANDARD       2- DR         18- TOTAL       8- NO				OLE ESSED/CLEANED IT MEASURABLE DATA							CONDITION CODES (AS BROUGHT ONBOARD)  1- LIVE: NORMAL APPEARANCE  2 - LIVE AIR BLADDER/STOM ACH PROTRUDING  3 - LIVE: EYES PROTRUDING  4 - LIVE: COMBINATION 2 AND 3  5 - DEAD ON ARRIVAL											K - D - A - B -	FISH DISC DISC KEP	CAR CAR CAR	PT RD D D AI OR E	LIVE BAIT	<u>.</u> Γ	D							
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#### **GEAR SPECIFICATION FORM - LONGLINE** ORG PRO TRIP NO. DATE **OBSERVER CODE GEAR CODE** MAIN LINE LENGTH **HOOK TYPE #1** J-Hook Other Hook Type: Circular Treble Lure Hook Shape: Straight Offset Double Triple **NAUTICAL MILES** MAIN LINE MATERIAL Hook Size Degrees Offset Manufacturer/Style: Shaft Length in. Point to Shaft Mono Poly Nylon Cable Other Hook Material: Steel Stainless Steel Unknown Main Line Diameter: In. Comments: Main Line Test: lbs **HOOK TYPE #2** J-Hook Comments: Hook Type: Circular Treble Lure Other Offset Double Triple Hook Shape: Straight /0 **GANGION LENGTH** Hook Size Manufacturer/Style: Degrees Offset Shaft Length Point to Shaft Length: Feet Steel Stainless Steel Other Comments: Hook Material: Unknown Comments: **GANGION MATERIAL HOOK TYPE #3** Hook Type: J-Hook Circular Treble Lure Other Double Triple Other Hook Shape: Straight Offset Mono Cable Nylon Wire Hook Size Manufacturer/Style: Degrees Offset Gangion Test: lbs Shaft Length Point to Shaft in. Gangion Color: Hook Material: Steel Stainless Steel Other Unknown Comments: Construction: Twisted Single Comments: TRACE HOOK W / DIMENSIONS BELOW NUMBER OF HOOKS No. of Hooks on Board (per Captain):

Approx. Dist. between Hooks:

# STATION SHEET LONGLINE

ORG PRO TRIP NO.	SET NO.	OBSERVER	DATE	GEAR CODE
SET TIME START	SET TIME END	Degree Minutes Se	Degree Minutes LONGITUDE I	
HAUL TIME START	HAUL TIME  END	STAT ZONE	SEA STATE	
PREDATORS OBSERVED				
SHARKS MARINE MAMMALS SEA BIRDS OTHER FISH	0 = PREDATOR NOT PRESENTINA 1 = PREDATOR OBSERVED BUTNO 2 = PREDATOR OBSERVED FEEDIN 3 = PREDATOR OBSERVED FEEDIN 4 = PREDATOR OBSERVED FEEDIN	OT FEEDING NG ON BAIT (ON HOOK)	5=PREDATOR OBSERVED BUT COULD NO 6=PREDATOR OBSERVED FEEDING ON D 7=PREDATOR OBSERVER FEEDING ON D 8=PREDATOR OBSERVER FEEDING ON D 9=NOT OBSERVED	ISCARDED CAPTURES
Other		STATE OF BAIT (Check Whole or C	Fresh Frozen S	of bait used.)  alted Live
TARGET SPECIES: List all targe	ted species for this set us	ing genus species format.		
SOAK TIME	# of HOOKS SET	# of HOOKS LO	IST WATER D	FEET DEPTH
	BOTTOM TYPE	YES NO OR REVERSE HAUL	PARTED DIGITAL (	SCALE TYPE  (D), MECHANICAL (M)  B) or UNKNOWN (U)
COORDINATOR COMMENTS:			_	
OBSERVER COMMENTS:				

## LENGTH-FREQUENCY/WEIGHT FORM LONGLINE

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#### GEAR SPECIFICATION FORM - MODIFIED BUOY **GEAR CODE** TRIP NO. DATE **OBSERVER CODE** MAIN LINE LENGTH **HOOK TYPE #1** Hook Type: J-Hook Circular Treble Lure Other Offset Hook Shape: Straight Triple MILES **NAUTICAL** FEET Double MILES Hook Size Degrees Offset **MAIN LINE MATERIAL** Manufacturer/Style: Shaft Length Point to Shaft Cable Mono Nylon Rope Other Hook Material: Steel Stainless Steel Other Unknown Comments: Main Line Diameter: In. Main Line Test: lbs **HOOK TYPE #2** Comments: Circular J-Hook Treble Other Hook Type: Lure Offset Double Hook Shape: Straight **GANGION LENGTH** /0 Hook Size Degrees Offset Manufacturer/Style: Length 1: Feet Shaft Length in. Point to Shaft Length 2: Feet Comments: Hook Material: Steel Stainless Steel Other Unknown Comments: **GANGION MATERIAL HOOK TYPE #3** Hook Type: J-Hook Other Double Triple Straight Cable Nylon Wire Other Hook Shape: Offset Mono Degrees Offset Hook Size Manufacturer/Style: Gangion Test: lbs Shaft Length in. Point to Shaft Gangion Color: Hook Material: Stainless Steel Other Construction: Unknown Comments: Single Twisted Comments: TRACE HOOK W / DIMENSIONS BELOW **NUMBER OF HOOKS** No. of Hooks on Board (per Captain): Approx. Dist. between Hooks: Comments:

# STATION SHEET MODIFIED BUOY

ORG PRO  TRIP NO. SET NO. OBSERVER	MO DAY YR #OF GEAR JUGS DATE CODE SET
SETTIME SETTIME Degree Minutes Sec	LONGITUDE IN
HAUL TIME HAUL TIME  START END STAT ZONE	SEA STATE
SHARKS 0=PREDATOR NOT PRESENT IN AREA  MARINE MAMMALS 1=PREDATOR OBSERVED BUT NOT FEEDING  SEA BIRDS 2=PREDATOR OBSERVED FEEDING ON BAIT (ON HOOK)  OTHER FISH 3=PREDATOR OBSERVED FEEDING ON CAPTURES (ON HOOK)  4=PREDATOR OBSERVED FEEDING ON CAPTURES AND BAIT (ON HO	5 = PREDATOR OBSERVED BUT COULD NOT DETERMINE IF FEEDING 6 = PREDATOR OBSERVED FEEDING ON DISCARDED CAPTURES 7 = PREDATOR OBSERVER FEEDING ON DISCARDED BAIT 8 = PREDATOR OBSERVER FEEDING ON DISCARDED CAPTURES AND BAIT DOK) 9 = NOT OBSERVED
BAIT (Check all that apply)  STATE OF BAIT (Check Whole Cumber Cumber Country Check Whole Cumber Cum	Whole or Cut then check all that apply for each type of bait used.)  It Fresh Frozen Salted Live
TARGET SPECIES: List all targeted species for this set using genus speci	es format.
	TYPE DIGITAL (D), M ECHANICAL (M)  BOTH (B) or UNKNOWN (U)
OBSERVER COMMENTS:	

# LENGTH-FREQUENCY/WEIGHT FORM MODIFIED BUOY

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#### **GEAR SPECIFICATION FORM - SPEARFISHING**

TRIP NO.  MO DAY YR  DATE	OBSERVER SET NO. GEAR CODE
SHAFT LENGTH . inches  NUMBER SHAFTS USED	MODEL#  SHAFT DIAMETER inches  IRING MECHANISM
rı	INING MECHANISM
EXPLOSIVE (POWER HEAD)	RUBBER or ELASTIC
PNEUMATIC or GAS POWERED	OTHER
G	GEAR DESCRIPTION
	GEAR DIAGRAM

## STATION SHEET SPEARFISHING

ORG PRO			MO DAY YR
TRIP NO.	SET NO.	OBSERVER	DATE
Degree Minutes Seconds E	Degree Minutes Seconds		
			$\square$
LATITUDE IN	LONGITUDE IN	STAT	ZONE SEA STATE
DIVE 1		DIVE 5	
	HRS	DIVES	. HRS
TIME IN TIME OUT		TINATINI	
TIME IN TIME OUT	DIVE TIME	TIMEIN	TIME OUT DIVE TIME
DIVE 2		DIVE 6	
	HRS		HRS
TIME IN TIME OUT	DIVETIME	TIMEIN	TIME OUT DIVE TIME
DIVE 3		DIVE 7	
	HRS		HRS
TIME IN TIME OUT	DIVETIME	TIMEIN	TIME OUT DIVE TIME
DIVE 4		DIVE 8	
	. HRS		L . HRS
TIME IN TIME OUT	DIVETIME	TIME IN	TIME OUT DIVE TIME
LIST ALL GEAR CONFIGURATIONS THAT	APPLY TO EACH DIVER	IF DI	VER UNUSED, LEAVE BLANK
<sup>1</sup> <sup>2</sup>	3 4	5 6	7 8
VESSEL(CHECK ONE):	ON ANCHOR DRI	FTING TROLI	LING UNKNOWN
PREDATORS OBSERVED			
SHARKS	0 = PREDATOR NOT P	DECENT IN ADEA	
MARINE MAMMAL		VED BUT NOT FEEDING	
			EDIMINE IS SEEDING
SEA BIRDS		EVED BUT COULD NOT DET	
OTHER FISH		VED FEEDING ON DISCARI	DED CAPTURES
	9 = NOT OBSERVED		
TARGET SPECIES: List all targeted	species for this set		
-	<del></del>		-
TOTAL DIVING TIME	WATER DEPTH	TOTAL N	O. TOTAL NO.
. HRS			
		DIVES	DIVES SAMPLED
APPROX.		<u> </u>	, —
APPROX.			
APPROX.  DIVING DEPTH		воттом	DIGITAL (D), MECHANICAL (M)
		ВОТТОМ ТҮРЕ	DIGITAL (D), MECHANICAL (M) BOTH (B) or UNKNOWN (U)
DIVING DEPTH			
DIVING DEPTH			
DIVING DEPTH  COORDINATOR COMMENTS:			
DIVING DEPTH			

# LENGTH-FREQUENCY/WEIGHT FORM SPEARFISHING

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#### **SEA TURTLE LIFE HISTORY FORM**

**REEF AND SHRIMP** 7\_18 Specimen Station **Trip Number** МΟ YR Set/Tow Captured # By Trip Non-Station Sighted Experimental Y / N? (if Y, note project name in comments sectio Does vessel have Sea Turtle Release Equipment Y / N Vessel State Time (24 hr.) Water Depth (ft.) Air Temp (°F) Photos Y/N Videos Y/N Number sec LONGITUDE **LATITUDE** min **SPECIES IDENTIFICATION:** Loggerhead Leatherback Kemp's Ridley Green Hawkshill Olive Ridley **Unidentified Hardshell** Unknown Complete condition evaluation on p. 2 for any not coded "alive" **INJURY STATUS** ATTEMPTED RESUSCITATION: Injured Hindquarters Elevated? Y / N Rocked? Y / N Resuscitation Duration Unknown If Successful, Time it took turtle to respond Time on Deck before release hrs Gear Type: Longline Gill Net Trawl Bandit Reel Handline Jug Fish Trap Skimmer Net **Gear Depth:** Surface Midwater Bottom Whole Water Column Other Y / N Did turtle slide out/escape from gear? Y / N Was turtle brought on board? **Net Position Net Type Turtle Captured In: Net Modifications:** SECTION 2 - SHRIMP TED/BRD Try Net **Standard Net** TED BRD Unknown Check one to describe turtle interaction with TED: Turtle went through TED grid Turtle caught before TED **Not Applicable** Unknown Tow Time (check one): Start Date Time In Stop Date Time Out **Hours Towed Try Net** Standard Net IF GEAR IS A FORM OF HOOK AND LINE, COMPLETE THIS SECTION, AS APPLICABLE: "]" **Hook Type:** Circle other (describe) SIZE /0 **DEGREE OFFSET** Manufacturer/Style No. Mackerel Sardine Bait: Squid Unknown Other (describe) SIZE <u>N</u>ot <u>H</u>ooked HOOK LOCATION: Not Known if Hooked Hooked, but location totally Unknown Holding bait/hook (Circle specific location; check box if specifics are not known; annotate drawing on reverse to indicate location as needed) SECTION 3 - REEF FISH Internal: Unknown, internal Swallowed (Esophagus) Hook visible? Visible to insertion point Partial hook Not visible Beak/Mouth Jaw Location (check one): upper lower side (mouth only) gl<u>o</u>ttis jaw joint other (describe) Check one for mouth: tongue soft palate External: Unknown, external Beak/Head/Neck Carapace/Plastron Front Flipper/Shoulder/Armpit Rear flipper/Groin/Tail Was hook recovered from this animal? Y / N / Unknown / Not Applicable Y / N / Unknown At Release? Y / N / Unknown Was animal entangled in gear? At capture? How much gear (linear feet) was left on the turtle when released? ft. (estimated/measured)

Estimated caranaca langth /natabata	N	Trip	# Set/Tow	Specimen#
Estimated carapace length (notch-to-	-tip straight line):	ft. (needed or	nly if turtle is not boated & measur	red)
<b>DIMENSIONS (cm):</b> Curved (mea	suring tape)	Straight Line (calipers)	Straight Line	(calipers)
Carapace Length Standard Me	Notch-to-Tip	Standard Measuremen	nts tch-to-Tip	. Notch-to-Notch
Carapace Width	<u>.                                    </u>			
TAGS (Identify address on each tag in the	e comments section):			
Flipper Tag Me	etal (1)	Position (Flipper)	Already Present (1) or	Were Tags
Number or	Plastic (2)	LF, RF, LR, RR	Applied by Observer (2	) Removed?
				Y / N
				Y / N
	$\Box$			Y / N
	Ħ	一一一	Ħ	Y / N
PIT Tag		一一一	SCAN	NED? Y/N
PIT Tag # Type: Old (alphanume	eric) Decima	Hexadecim		•
If you have the option of Decimal o	· —	<u> </u>		,
Living Tag Yes/No (describe)		Other Tags (d	escribe)	
BIOPSY SAMPLES TAKEN?			(if yes, USFWS 3-177 fo	
Y / N Did observer assist in o	dehooking, resuscita	tion, etc. (other than star	ndard measurements, etc.). Ad	ldress in Comments.
RELEASE INFORMATION:	TIME (24hr)	]	DATE / /	<u>/</u>
LATITUDE deg	min sec	LONGITUDE	deg mir	n sec
FINAL DISPOSITION: Dis	carded Marked Dead/Un	responsive Carcass	Discarded Unmarked Dead/	/Unresponsive Carcass
Salvaged Carcass/Part (explain)	Released Alive	Taken to Hol	· —	iknown (explain)
ADDITIONAL COMMENTS: (list all b	iological samples colle	ected; describe or sket	ch any anomalies):	
FINAL DISPOSITION:  Salvaged Carcass/Part (explain)  ADDITIONAL COMMENTS: (list all bi		•	,	
SEC.				
_				
IDENTIFICATION CRITERIA: INJURII	ES: Mark Location of Ir	njuries on Diagram and	BEHAVIOR:	
	ES: Mark Location of Ir	njuries on Diagram and	BEHAVIOR: Vigorously crawls	
Number of: Fracture		njuries on Diagram and	Vigorously crawls Actively responds if handled	
Number of: Fracture  Left Lateral Scutes % width  Right Lateral Scutes Skull or	es of shell Y / N / U of scute mandibular fracture Y /		Vigorously crawls Actively responds if handled No movement/response if han	ndled #
Number of: Fracture Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U	/ N / U	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe	udled Handler
Number of: Fracture Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U	Vigorously crawls Actively responds if handled No movement/response if han	CAPTURE
Number of: Fracture  Left Lateral Scutes % width  Right Lateral Scutes Skull or  Vertebral Scutes Injuries	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U	Vigorously crawls Actively responds if handled No movement/response if had Lifting head to breathe Moving all flippers	CAPTURE
Number of: Fracture Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg	CAPTURE
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp	CAPTURE
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Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m	at CAPTURE at CAPTURE sew/pior
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water	ic/weak at CAPTURE  AT RELEASE/IN WATER
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N Nuchal Touch 1st Lateral? Y / N / U Rigor Mortis Y / N / U Rotting Flesh Y / N / U	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water Stays at surface/no diving	ic/weak at CAPTURE  AT RELEASE/IN WATER
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N Nuchal Touch 1st Lateral? Y / N / U  Rigor Mortis Y / N / U	es of shell Y / N / U n of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a ca nares	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if handled Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water Stays at surface/no diving Sinks without swimming	ic/weak at CAPTURE  AT RELEASE/IN WATER
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N Nuchal Touch 1st Lateral? Y / N / U Rigor Mortis Y / N / U Rotting Flesh Y / N / U	es of shell Y / N / U n of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water Stays at surface/no diving	ic/weak at CAPTURE  AT RELEASE/IN WATER
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes V / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N Nuchal Touch 1st Lateral? Y / N / U Rigor Mortis Y / N / U Rotting Flesh Y / N / U Foul Smell Y / N / U	es of shell Y / N / U n of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a ca nares	/ N / U  apply) unknown eyes oral cavity	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water Stays at surface/no diving Sinks without swimming Not observed (explain):	ic/weak at CAPTURE  AT RELEASE/IN WATER
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N Nuchal Touch 1st Lateral? Y / N / U Rigor Mortis Y / N / U Rotting Flesh Y / N / U Foul Smell Y / N / U  DORSAL COLORATION:  Black Orange/Red-Brown	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a ca nares  Posterior Marginal Tip  CONDITION EVALUA	y N / U  apply) unknown eyes oral cavity  Nuchol Notch  ATION FOR TURTLES I	Vigorously crawls Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water Stays at surface/no diving Sinks without swimming Not observed (explain):	ic/weak at CAPTURE at
Number of:  Left Lateral Scutes % width Right Lateral Scutes Skull or Vertebral Scutes Injuries L. Inframarginal Scutes Bleedin R. Inframarginal Scutes Cloa  Overlapping Scutes? Y / N / U Inframarginal Pores? Y / N / U 1 Pair Prefrontal Scales? Y / N / U Lacks Bony Shell? Y / N Nuchal Touch 1st Lateral? Y / N / U Rigor Mortis Y / N / U Rotting Flesh Y / N / U Foul Smell Y / N / U  DORSAL COLORATION:  Black	es of shell Y / N / U of scute mandibular fracture Y / to eye(s) Y / N / U g from: (check all that a ca nares  Posterior Marginal Tip  CONDITION EVALUA	y N / U  apply) unknown eyes oral cavity  Nuchol Notch  ATION FOR TURTLES I	Vigorously crawls  Actively responds if handled No movement/response if han Lifting head to breathe Moving all flippers Eyes open Tilting head Moving sluggish/slow/letharg Head/flippers hang limp Circling Water/froth discharge from m Immediately swims/dives (<1 m Listing/rolling in water Inability to right self in water Stays at surface/no diving Sinks without swimming Not observed (explain):	ic/weak at CAPTURE at

#### SAWFISH, STURGEON, GIANT MANTA RAY and BIRDS

### PROTECTED RESOURCES CAPTURE REPORT

REPORT WITH IN 24 HOURS OF CAPTURE

REPORT WITH IN 24 HOURS OF CAPTURE 7_19
Trip Number MO DY YR Set/Tow Station Captured Specimen #
Non-Station Sighted
Check type of specimen captured and reference species (if known) in space provided:
Sawfish Birds Sturgeon Giant Manta Ray
Vessel Observer State Time (24 hr) Water Depth (ft.) Photos Y/N Number  LATITUDE deg min sec LONGITUDE deg min sec
TARGET SPECIES: List all targeted species for this set using genus species format.
Gear Type: Longline Gill Net Trawl Bandit Reel Handline Fish Trap Other  Gear Depth: Surface Midwater Bottom Whole Water Column Other
Net Position
IF GEAR IS A FORM OF HOOK AND LINE, COMPLETE THIS SECTION, AS APPLICABLE:    Hook Type:
Was hook removed from this animal? Y / N / Unknown / Not Applicable
Was animal entangled in gear? At capture? Y / N / Unknown At Release? Y / N / Unknown
How much gear (linear feet) was left on the animal when released?  ft.(estimated/measured)
DIMENSIONS (cm):       Est. total length:
TAG INFORMATION: Was this animal PIT scanned for PIT tags? (Y/N) Tag ID Numbers:  PIT Tag #:
RELEASE INFORMATION: TIME (24hr) : DATE / / MO DY YR  LATITUDE deg min sec LONGITUDE deg min sec
FINAL DISPOSITION: Discarded Dead/Unresponsive Carcass Released Alive Unknown (explain)
BIOLOGICAL SAMPLES:
☐ Vertebrae ☐ Gonad ☐ Stomach ☐ Fin Clip/Tissue ☐ Fin Ray ☐ Pectoral Fin ☐ Rostrum
ADDITIONAL COMMENTS: (list all biological samples collected):

### MARINE MAMMAL LIFE HISTORY FORM CAPTURE INFORMATION

Trip Number MO/ DY/ YR Set/Tow Non-Station Sighted by Trip Time (24 hr) Water Depth (ft.)
GEAR TYPE: Longline Gillnet Trawl Hook and Line
GEAR DEPTH: Surface (pelagic) Midwater Bottom Other
LATITUDE deg min sec LONGITUDE deg min sec
SPECIES IDENTIFICATION: Photos Taken? Y / N Number of photo taken
Pilot whale Bottlenose dolphin Pantropical spotted dolphin Risso's dolphin Common dolphin
Striped dolphin Atlantic spotted dolphin Unid. Marine mammal Other
Diagnostic features:
Confidence Level of Species ID: Good Fair Poor
IF HOOK AND LINE GEAR USED, COMPLETE AS APPLICABLE:Hook Type: "J" Circle Other (describe)
Hook Size/0 Manufacturer/Style No Degree Offset°
BAIT: Squid Mackerel Sardine Unknown Other (describe)
HOOKING OF MARINE MAMMAL: Was animal hooked? Yes No Unknown (If no, skip to next section)
Hook Location Internal: In Mouth? Upper Swallowed? Hook Visible to insertion point
Yes Location? Lower Yes Visable? Partial hook
No Side No Not visible
External: Front Flipper Head/Neck Was hook removed from animal? Yes No Unknown
Dorsal fin Tail If No, was line cut? Yes No
Body Other If Yes, how much line was left trailing? feet
ENTANGLEMENT OF MARINE MAMMAL: Was animal entangled? Yes No Unknown
Entanglement Location (check all that apply) Front Flipper Head/Neck Tail Body Mouth Other
Gear involved: Hook Mainline Gangion Dropline/Floatline Float
Was gear removed from animal? Yes No Partial Unknown
Amount of gear left on animal feet Were loops cut? Yes No Unknown
DESCRIPTION OF RELEASE PROCEDURE
CONDITION OF MARINE MAMMAL UPON RELEASE  SKETCH OF ANIMAL SHOWING WHERE GEAR WAS HOOKED OR ENTANGLED ON BODY
Alive, swam away normally Alive, swam abnormally Dead
Description of animal's behavior upon release
PRESENCE OF OTHER MARINE MAMMALS AT TIME OF CAPTURE:
Were other marine mammals present at time of capture? Yes Didn't look Looked but did not see
Number of other marine mammals present (record all three)MINMAXBEST GUESS
Same species as animal captured? Yes No Species ID if different
Approximate distance from vessel (in yards)
Were actions taken by vessel to deter or avoid marine mammals?  Yes No Unknown
Describe actions taken
Biopsy Sample Taken? Yes No Unsuccessful If yes, itemize samples:
TAGS Tagged before release? Yes No Tag number: Tag Type: Metal (1) / Plastic (2)
Position of tag: Left flipper Right flipper Dorsal fin Tail
1 ostuon of tag

### TAG REPORTING FORM

ORG PRO TRIP NO.		MO DY  DATE-STAR	YR T TRIP	MO DAT	DY YR  TE - END TRIP	LONGLINE	BANDI	T JUG	SPEAR
						TAG TYPE:			
STARTI	NG TAG NUMBER		ENDING T	TAG NUMBEI	R				
GENUS	:				SPECIES:				
СОММ	ON NAME:								
SET	DATE RELEASED	)			LAT. RELEASED	LONG. RELEA	SED	DEPTH	FISH LENG.

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## Specimen Collection Log

Trip Number:	State Fish & Wildlife	e Notified: \	<b>/</b> /	N
Observer Name:	Official Notified:			
Vessel Name:	Phone #: _			
	Date Notified:			
	Landing Date:			
	Landing State:			
Reason Collected:				

Date	Location	State	Collected Species (Common name)	# Collected

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### **GONAD / OTOLITH FORM**

NOAA Fisheries Panama City Laboratory - Galveston Observer Program (GOP)

	Trip	#:												Ob	server Na	me:							
	Retu	rnir																					
Trin																							
Trip Comments:																							
Set#	Specimen #	Genus								eci€	es				Length (mm)	Length Code	Gonad Weight (g)	Sex (M-Male, F-Female, U-Unknown)	Target Species (Check for Yes)	Otolith 3	ampl akeneck Yes	es for dip dip	Place Sticker Here
															` '		(0)						
Length Cod						es	01 F	ork	02-5	Stand	ard	18-Total	88- N	ot Measured	99- N	o Da	ita o	r Un	knov	wn			

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